MONTEZUMA WELL • MONTEZUMA CASTLE NATIONAL MONUMENT

TUZIGOOT NATIONAL MONUMENT



Welcome To The **Monuments Of The** Verde Valley

The Verde Valley, lying under the spectacular pine-clad cliffs of the Mogollon Rim of central Arizona, forms an immense biological transition between desert, grassland and forest vegetation zones.

As the seasons change, this endangered riparian or streamside habitat of the Verde River serves as a migration corridor for many animals traveling from summer to winter ranges in the south. But for thousands of years, the Verde Valley was also a haven for the movement of people, providing the food and water all life needs for survival.

The National Monuments of the Verde Valley—Montezuma Castle, Montezuma Well and Tuzigoot —protect and interpret the legacy of the Sinagua, an Ancestral Pueblo people who flourished in the area for centuries, long before Columbus claimed to have discovered this New World.

Montezuma Castle has been described as the best preserved and most dramatic cliff dwelling in the United States. Montezuma Well is a natural limestone sinkhole with prehistoric sites and several animal species found nowhere else in the world. Tuzigoot is the remains of a 110-room pueblo perched on a high ridge with a panoramic view of the Verde River.

This is a very special year for Montezuma Castle. On December 8, 1906, President Theodore Roosevelt established the site as a National Monument, declaring it, "of the greatest ethnological value and scientific interest." Centennial activities will focus on the stewardship of Montezuma Castle's natural and cultural treasures: past, present

Today's visitors marvel at the well-preserved Sinagua dwellings, but also allow some time to experience the oasis of the riparian area. As the seasons change, we invite you to - ENJOY! - Kathy M. Davis, Superintendent

1906: It Was a Very Good Year!

Honoring 100 Years of Montezuma Castle NATIONAL MONUMENT AND THE ANTIQUITIES ACT

milestone in the administrative history and stewardship of Montezuma Castle will be observed on December 8, 2006: one hundred years ago, President Theodore Roosevelt proclaimed the site one of the United State's first National Monuments.

The legislation that granted the president sole authority to designate such areas of significant historic and scientific interest is the Antiquities Act of 1906. Signed into law on June 8, 1906, the Antiquities Act has been praised as the most significant piece of legislation to protect the rapidly disappearing cultural and natural resources on public lands.

The Expanding West

In the early to mid-1800s, vast expanses of land were added to the new nation with the Treaty of Guadalupe Hidalgo and the Gadsden Purchase. As the race to claim homesteads in the West accelerated, the Civil War and conflicts with the indigenous American Indian tribes slowed the quest for good ranch and farm land.

Following the Civil War, the surge toward the new territory resumed. Families displaced by the conflict and European immigrants fleeing from political upheaval and famine sought a new beginning. War veterans from both sides were sent to western outposts with orders to protect the newly-arriving settlers and subjugate the native people.



Early Preservation: In 1897, the Arizona Antiquarian Society erected a metal roof to cover exposed areas of Montezuma Castle. Dedicated members also installed long iron rods to stabilize areas that were in danger of collapse, and built ladders, improving access to the site. This photo shows these improvements before Montezuma Castle became a National Monument in 1906. Photo from the Bradshaw Family Collection, Sedona, Arizona.

In the 1870's, archeology was a fledgling science in the United States; up until this time, most people had nominal interest in preservation and less resources to devote to philanthropic concerns.

Looting of Sites

As the new immigrants fanned out through the West,

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GENERAL INFORMATION

About the Monuments: Your First Visit

MONTEZUMA CASTLE NATIONAL MONUMENT is 3 miles off Interstate 17 (see map). Address: 2800 Montezuma Castle Road, Camp Verde AZ. This is one of the best preserved prehistoric cliff dwellings in the United States. Summer hours are 8am to 6pm; winter hours are 8am to 5pm, 7 days a week. The flat, paved trail is an easy third of a mile total loop that takes 20 to 30 minutes. The Castle is not open to the public but the trail runs beneath it with many panoramic views. The Visitor Center and most of the trail are accessible to wheelchairs, with only one portion of the trail to "Castle A" that is too steep. There is a shaded picnic area, but this is not accessible to wheelchairs.

Detailed information is available on the website at www.nps.gov/moca Phone: 928-567-3322

MONTEZUMA WELL is open 8am to 6 pm in the summer and 8am to 5pm during the winter, 7 days a week. It is 4 miles off Interstate 17 (see map) and 11 miles from Montezuma Castle. Address: 5525 Beaver Creek Road, Rimrock AZ. Montezuma Well is a limestone sinkhole formed by the collapse of an immense underground cavern. Prehistoric dwellings are visible along the rim and interpretive signs explain the unique ecosystem. The third of a mile trail is easy to moderate with some steps to the rim of the Well. The trail is too steep for wheelchairs. Visitors who just want to view the Well should allow 20 minutes; walking the entire loop trail requires about 45 minutes. There is a separate, shaded picnic area with restrooms and is wheelchair accessible.

Detailed information is available on the website at www.nps.gov/moca Phone: 928-567-4521 TUZIGOOT NATIONAL MONUMENT

is approximately 20 miles from Interstate 17 near the town of Clarkdale (see map). Address: 25 W. Tuzigoot Rd., Clarkdale AZ. Hours are 8am to 6pm in the summer, 8am to 5pm in the winter, 7 days a week, closed Christmas Day. Tuzigoot is a 110 room pueblo on a high ridge overlooking the Verde River. The Visitor Center Museum houses one of the finest collections of Sinagua artifacts. The fourth of a mile trail is rated easy to moderate because there is some elevation gain to reach the site. The trail is too steep for wheelchairs but the Visitor Center and Museum are accessible. There are no picnic facilities.

A separate nature trail, one-half of a mile, overlooks Tavasci Marsh, an Audubon Society-designated Important Birding Area. This trail is accessible to wheelchairs but has some elevation gain.

More detailed information is available on the website at www.nps.gov/tuzi Phone: 928-634-5564

The mailing address for all three monuments is: National Park Service, PO Box 219, Camp Verde, Arizona 86322.

Protect Yourself

- Remember to drink lots of water, use sunscreen and wear a hat! If you feel thirsty you are already on the way to being dehydrated. Be prepared with appropriate footwear and clothing for temperatures that can exceed 100 degrees in the summer and below freezing in the winter.
- Please stay on the path. Rattlesnakes live here although they are rarely sighted.
- Remember to lock your car and put valuables out of sight.
- Handrails are there for your safety; please do not go past them. Rock surfaces can be slippery; please stay away from any cliff edge.

Protect your Monuments

- The desert landscape is very fragile. Smoking is permitted in designated areas only.
- All the Monuments are protecting archeological sites as well as natural resources. It is against the law to tamper with, deface or remove any artifact, plant, rock or other natural feature of the park.
- Hiking off the trails can damage the soil crust a living groundcover of lichens, mosses and other organisms.
- Off-road parking or driving is prohibited.
- Pets on a short leash are allowed on the trails but must be carried into Visitor Centers. Do not leave pets in a vehicle during warm weather. Please clean up after your pet.
- Camping is prohibited in all areas of the Monuments.
- Bicycles, skateboards and any motorized vehicle other than wheelchairs are not permitted on the trails.
- Gas stoves are permitted only at the Montezuma Well picnic area. No ash producing fires are allowed in the Monuments.
- Please help with trash removal and use the waste receptacles. We have an active recycling program for aluminum cans and plastic bottles, with designated receptacles. Help by removing the caps from bottles — caps cannot be recycled.

Entrance Fees

Montezuma Castle and Tuzigoot National Monuments have a fee of \$5 per adult 16 years of age and older. Children 15 and under are no charge. A combination ticket to visit both the Castle and Tuzigoot is available for \$8, good for seven days. Also accepted are the National Parks Pass, Golden Age pass, Golden Eagle and Golden Access.

There are no other discounts available. For information on any of these programs, contact a Park Ranger.

Entrance fee waivers are available to school groups for educational purposes that relate to the Monument visited. Submit requests one month in advance to: fee manager, 928-567-3322, ext. 23; FAX 928-567-3057.

Transportation

There is no public transportation to any of the Monuments. The nearest major airport is in Phoenix AZ., 100 miles to the south. Visitors may also fly into Flagstaff AZ., 50 miles to the north.

EFFECTIVE FEBRUARY 1, 2006: The fee per adult is \$5.00. There is no charge for children 15 and under. A combination ticket to visit Tuzigoot and Montezuma Castle is available for \$8.00 per adult, valid for a seven day period.

Food and Supplies

There are numerous restaurants, convenience stores, hotels and grocery stores in the towns of Camp Verde, Sedona and Cottonwood. Contact the local Chambers of Commerce (see listings) for more details.

Ranger Programs

The Monuments are designed to be self-guided, with interpretive signs along the path. Ranger programs on many topics are presented daily if staffing and weather permit. Consult the signboard at the Visitor Center for times and locations or ask at the front desk.

A Great Way to Experience your National Parks and Monuments

For only \$50, you can experience all 384 National Parks and Monuments for twelve months from date of purchase. The card is available at Montezuma Castle or Tuzigoot; by calling 1-800-GOPARKS, or by visiting the website

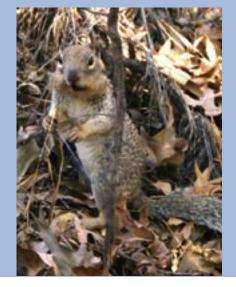
at www.nationalparks.org. For an additional \$15, you may upgrade your Park Pass to the "Golden Eagle" program, allowing access to all Federal fee areas, with some exceptions, in the United States. Also available, for a one-time fee of \$10, is the Golden Age Pass for citizens or permanent residents of the U.S. who are 62 years of age or older. Ask a Ranger for any details about these opportunities.

Accessibility

The National Parks and Monuments are areas of great beauty and significance, set aside for all to enjoy. Ask a Ranger if there is any question or concerns about accessibility. Audio cassettes and text in Braille are available. More details about trails and the Visitor Centers are available under individual Monument descriptions.

VIP Program

Our volunteers are priceless! The National Park Service's "Volunteers in Parks" program gives the public an opportunity to share knowledge and experience. Call 928-567-3322, ext.22.



If You Love Wild Animals — Don't Feed Them!

They look adorable but remember squirrels and other wild animals can bite! They could be carrying rabies or other diseases. Wild animals can become aggressive if they are accustomed to humans and human food. Please enjoy wild animals from a safe distance!

Rock Squirrel have been cavorting on ledges and begging for food since the Sinagua were here! Please don't feed them; they can bite and might carry disease.

Photo by Skip Larson

MONTEZUMA CASTLE

First — it is not a castle, although there is a great magnificence to this prehistoric American Indian structure. Second — the Aztec emperor Moctezuma II was never here; the Castle was abandoned at least a century before he was born.



People traveling along Beaver Creek would have had this first glimpse of Montezuma Castle, a prehistoric cliff dwelling 100 feet above the floodplain. Montezuma Castle was part of a large, extended community; there are sites approximately every mile and a half along Verde Valley waterways.

Photo by Skip Larson

Rising 100 feet above the Beaver Creek floodplain, Montezuma Castle is a testimony to the resilience and innovations of a people called the "Sinagua," named after the Spanish term for the San Francisco Peaks, the "Sierra Sin Agua" — "the mountain without water."

Montezuma Castle is one of the bestpreserved cliff dwellings in the United States. It is 90 percent original despite years of unauthorized excavation, visitation and even one attempt to blow apart a wall to collect artifacts.

Origins

Montezuma Castle was not an isolated structure where people lived generation after generation, having little contact with neighbors. The Castle instead was a small, but very dramatic, part of a large community of people spread up and down the waterways of the Verde Valley. As many as 6,000 to 8,000 people may have lived in the valley in small villages no more than two miles apart.

Montezuma Castle is located along Beaver Creek, possibly a final leg in a major prehistoric trade route from northern Arizona. People following this trail were seeking copper, salt, cotton, argillite and other minerals. Were the residents of Montezuma Castle keeping watch on traders or other visitors entering the area, or was it simply a very nice place to live? No one really knows.

The Castle

Montezuma Castle is built into a deep alcove with masonry rooms added in phases. A thick, substantial roof of sycamore beams, reeds, grasses and clay often served as the floor of the next room built on top. Entrance to most areas was usually from a hole in the roof; a ladder made access easier.

The 19 rooms could have housed 35 to 50 people, conserving precious farmland near the creek. Around the corner was "Castle A," a site with 45 to 50 rooms that also hugged the limestone cliff. These people were certainly related, sharing food, land, friendships; all ties that bind a community.

There is little evidence of conflict or warfare but perhaps people felt more secure living in the Castle. The series of ladders used to climb to the site could be pulled in for the night and there is a panoramic view of the river and valley from the top parapet level. A small ruin above the Castle, on the top of the cliff, allows views of the entire countryside; a sentry would have advance warning of anyone entering the area.

Just as important — the Castle is simply a wonderful place to live in all seasons. It is cool in the summer and warm in the winter. The higher elevation gives some relief from biting mosquitoes, juniper gnats and other pesky vermin. Daily activities, such as processing food, were done on the roof, and most areas have an inspiring creekfront view!

Moving Away

Starting around 1380 to 1400, the Sinagua began moving from the area, probably joining relatives in large pueblos to the east. As more explanations are offered for their departure, more questions arise. Stress factors may have included prolonged drought, disease, and nutrient-depleted soil from growing corn.

The departure from Montezuma Castle and surrounding ancestral lands had to have been very emotional. The ties to the land were over centuries and generations — the decision to leave could only have been out of necessity.

The "Halls of Montezuma"

In 1874, some of the first Euro-American explorers to see Montezuma Castle were veterans of the Mexican-American War (1846–1848). When they entered the Verde Valley and saw the great cliff dwellings and large pueblos with standing walls, they didn't believe the local indigenous people had the knowledge or ability to construct such imposing structures, and so attributed them to the Aztecs, whose magnificent ruins they had seen in Mexico.



A popular Marine marching song of the time referred to the "Halls of Montezuma," or, Mexico City, center of the Aztec world. Inspired, the veterans felt the Aztec king had to have been somehow involved! Once Montezuma Castle was recorded on early maps, the name was accepted.

When Fort Verde was established to subdue and round up the Yavapai and Apache people, a popular outing for officers and enlisted men was to visit "The Castle." Depending on the perspective, the Castle was either a site to preserve—or a treasure chest full of curiosities to take home.

Very few original artifacts remained in 1906 when President Teddy Roosevelt declared Montezuma Castle a National Monument, but protection of the structure for future generations was assured.

In 1933, "Castle A" was excavated, uncovering a wealth of information and artifacts that expanded our knowledge of the Sinagua. The Visitor Center displays at Tuzigoot and Montezuma Castle showcase this culture; a legacy that did not disappear but is still alive with the Pueblo people of today.

By Anne Worthington, National Park Service Guide

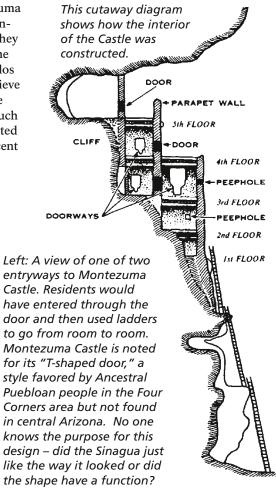
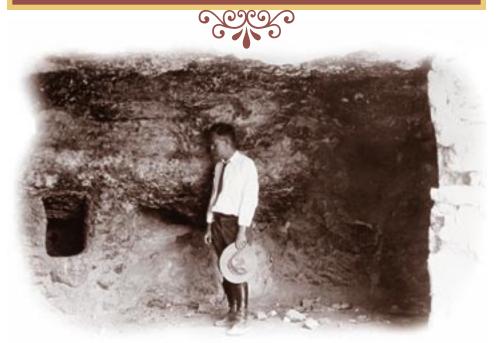


Photo by Skip Larson

Park Ranger Requirements in 1906: Could You Pass the Test?



Frank Pinkley, park superintendent at Casa Grande National Monument and later superintendent of the 14 national monuments in the southwest, was a tireless advocate for the preservation of Montezuma Castle. A legend in the early years of the National Park Service, Mr. Pinkley would have been able to pass every ranger test!

he concept of a park ranger, someone who patrols the land to protect its resources, goes back at least 5,000 years ago. In the Near East and Egypt, absolute rulers had servants or slaves regularly patrol kingdoms, protecting game animals from predators—human or otherwise.

In Europe, centuries later, vast forest reserves controlled by the landed aristocracy were monitored to keep common folk from pilfering firewood or stealing game. By the 1300's, rangers in England were official officers of the realm.

In the "New World" three hundred years later, rangers protected fledgling settlements from attack. These rangers were often the only law enforcement officials available to the new settlers.

The job description of a park ranger has completely reversed from the time of absolute monarchies and commoners; now it is a park ranger's duty to protect the land, its history and natural resources for the good of all who visit.

In the late 1800's, when large isolated forest reserves were designated in the West, rangers were assigned to patrol these remote lands. The first use of the term park ranger was in 1904 at Sequoia National Park, California.

At the turn of the 20th century, the job description of a park ranger required some expertise that only could be learned with real on the job training.

To get the coveted position, a ranger had to: load a burro, survive a blizzard, clean and cook a porcupine, skunk or other available wild animal for survival, build a fire in the rain, read a compass and topographical map, splint a broken bone, treat a snakebite, follow a trail and read landmarks.

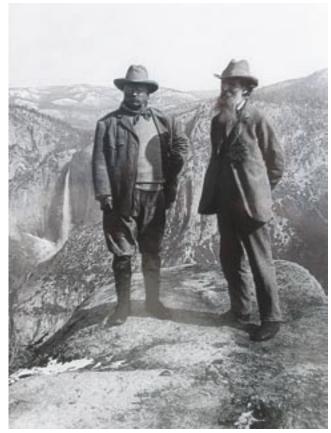
If that wasn't enough, the required field test might include: saddle, bridle a horse and pack a tent, two blankets, cooking gear and food in a pack not to weigh more 150 pounds; estimate by pacing the distance around a triangular tract of land not less than a half mile.

And, most importantly, a park ranger had to be able to: dodge a falling rock!

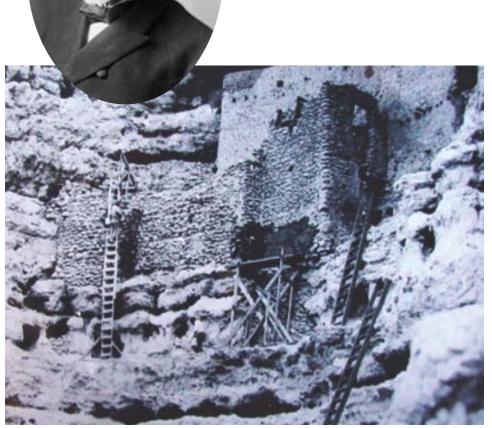
For more reading: National Park Ranger, An American Icon by Butch Farabee, available at the WNPA bookstores or online at www.wnpa.org.

FOR MORE INFORMATION on the Antiquities Act of 1906 and the history of Montezuma Castle National Monument, visit the cultural resource websites of the National Park Service. The history website at www.cr.nps.gov/ history features information from all areas of the country, with links to articles. The archeology website: www.cr.nps.gov/archeology offers the electronic version of NPS historian Ronald F. Lee's history of the Antiquities Act of 1906. Hal Rothman's "America's **National Monuments: The Politics of** Preservation", is a comprehensive history of monuments across the country. The book by historian Josh Protas, "A Past Preserved in Stone: A **History of Montezuma Castle National** Monument", is a definitive look at Montezuma Castle and is available through Western National Parks and Monuments, the bookstores or www.wnpa.org.

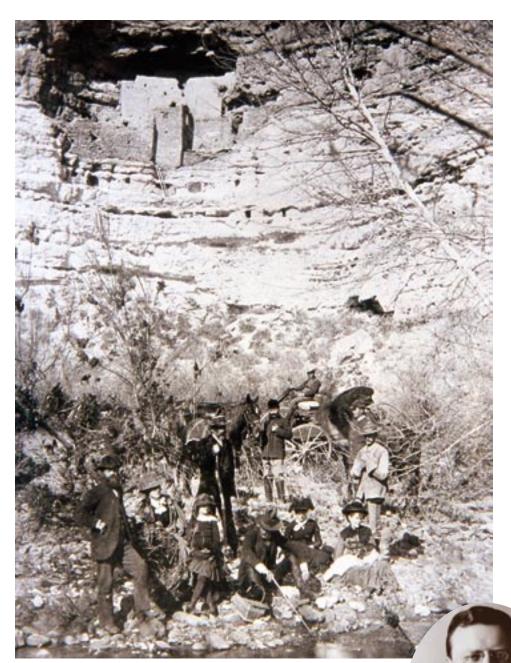




A Leader in Preservation! Attorney John Fletcher Lacey of Iowa, left, introduced the Antiquities Act of 1906. He was deeply interested in preserving the heritage and natural resources of the West.



Shoring up the Damage: a large part of Montezuma Castle was in danger of collapse after treasure-seekers dug holes in the rooms. This photo, from the 1920's, documents the NPS preservation initiative to protect fragile sites continuing today as the "Vanishing Treasures" program.



Picnic at Montezuma Castle: a day trip to Montezuma Castle, with picnic along the banks of Beaver Creek, was a popular outing for soldiers stationed three miles away at Fort Verde, now an Arizona State Park. Photo from the archives of Sharlot Hall Museum, Prescott, Az.

1906: It Was a Very Good Year! continued from page 1

a significant observation was made: ancient ruins were found near the best farmland and precious water sources. People began digging in these ruins out of curiosity as well as to find "antiquities" that could be sold to the big museums of the east. Few people had any concept of the information and knowledge that was being lost as they pulled pots and artifacts out of cliff dwellings and pueblo ruins. The sites were on federal land, but they were not patrolled and government agents alarmed at the ever-increasing destruction soon discovered there was no legislation to halt the looting.

In Arizona, the Indian tribes were not giving up ancestral lands without a fight. With the discovery of gold and copper in Prescott in 1862, and the development of the Chavez Road in 1873, the Verde Valley was opened up to homesteaders,

quickly followed by the establishment of Ft. Verde to enforce the newcomers' claims on the land.

But the military was also charged to explore these unknown lands and collect information about

the natural resources. Doctors sent to the military posts were often naturalists as well. Exploring the countryside was a favorite pastime for officers as well as regular soldiers. Montezuma Castle soon became a favorite leisure destination and a favorite place to dig for curiosities.

Two scientists associated with Ft. Verde, Dr. Edward Palmer and Dr. Edgar Mearns, had the foresight and knowledge to recognize the importance of Montezuma Castle and their excavation notes are crucial to understanding its history. But by the early 1900's, so many holes had been dug into the floors and under the walls, that the entire structure

was undermined and the stability of the site was endangered.

Saving the Castle

Several concerned citizens realized Montezuma Castle and other sites were about to crumble from the landscape. In 1895, the Arizona Antiquarian Society was organized by Dr. Joshua Miller of Prescott.

Dr. Miller and Frank Reid, the society's vice-president, began a tireless crusade to raise funds to protect the Castle. Citizens from all over the state donated money, and with \$150, Dr. Miller's crew was able to anchor the structure with iron rods, repair the masonry, and install a corrugated tin roof to protect exposed areas. Dr. Miller died not long after these initial repairs were completed, but his efforts set a precedent to stabilize the site and his personal artifact collection became the basis for the newly established Arizona State Museum in Tucson.

Preserving Landmarks

While Arizonans were trying to salvage Montezuma Castle, scientists and concerned lawmakers were debating efforts to preserve other significant landmarks of American heritage.

National Parks could only be created by and Act of Congress. However, many Westerners were deeply suspicious of mandates they felt were imposed by an Eastern establishment trying to deny their use of the land. Congressional action did preserve vast, scenic areas such as Yellowstone and Yosemite, but how could smaller tracts of federal land with

> important natural and cultural resources be protected?

The debate continued for years until archaeologist Edgar Lee Hewett used his skills in politics to draft a bill that had overwhelming support. Politicians, scientists and landowners accepted "An Act for the Preservation of American Antiquities" introduced by Congressman John F. Lacey to the House of Representatives and Senator Thomas Patterson to the Senate. This created a new category of

federal preservation—the National Monument.

An Enduring Legacy

The new law gave the president authority to bypass Congress and establish a monument as long as the smallest portion of land needed to protect the site was involved. A fine of up to \$500 and six months' imprisonment could be imposed on anyone caught illegally digging in sites. Museums and universities now had to apply for a permit to excavate, sharing artifacts and results of research with the public.

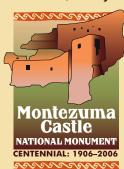
An enthusiastic President Theodore Roosevelt signed the bill into law on June 8, 1906. Devil's Tower, in Wyoming, became the first Monument established by this new authority on Sept. 24, 1906, and on December 8, President Roosevelt signed the papers for El Morro in New Mexico and for Petrified Forest and Montezuma Castle in Arizona. Before President Roosevelt left office in 1909, he signed proclamations establishing 18 National Monuments—six cultural sites and 12 natural areas of scientific interest.

The preservation and stewardship of Montezuma Castle National Monument began when scientists, politicians, and private landowners were able to put aside different agendas for the common good. One hundred years later, this legacy endures as citizens and visitors from around the world experience the nation's 384 parks and monuments.

> By Anne Worthington National Park Service Guide

ABOUT THE MONTEZUMA CASTLE NAT. MON. **CENTENNIAL LOGO**

The design of Montezuma Castle **National Monument's Centennial** logo unites elements highlighting the nature, history and cultural



heritage of this important prehistoric American Indian site. The terracotta exterior of the Castle represents the ongoing

program of

repair, preservation and stewardship through the National Park Service's "Vanishing Treasures" initiative.

In the spring and through early fall, Montezuma Castle is framed in the vibrant green hues of the Arizona Sycamore and other lush trees and shrubs along the walkway. The green also represents the endangered riparian, or natural waterway, habitats of Arizona and the green of the setting—the Verde Valley.

The design of the border, with its interlocked scroll or frets, is typical of designs found on a pottery type called "Walnut Black-on-white". These beautiful ceramics were produced in the Hopi Buttes area 100 miles north of Holbrook, Az., from around A.D. 1100 -1300.

The abundance of Walnut pottery sherds suggests strong and enduring relationships between the occupants of Montezuma Castle and the **Ancestral Pueblo residents of the** north; a heritage and legacy that continues today.

Logo Design: Amanda Summers, Prescott Valley, Az.

President Theodore

Montezuma Castle

Roosevelt established

National Monument.

THINGS TO SEE AND DO IN THE VERDE VALLEY

National Park Service

See page 2 for a detailed description of these National Monuments and fees.

Montezuma Castle National Monument

HOURS: Summer 8am to 6pm; winter 8am to 5pm; 7 days a week ADDRESS: 2800 Montezuma Castle Road, Camp Verde AZ 86322 ADMISSION: fee; permits and park passports honored

PHONE: 928-567-3322 WEB: www.nps.gov/moca

Montezuma Well

HOURS: Summer 8am to 6pm; winter 8am to 5pm; 7 days a week ADDRESS: 5525 Beaver Creek Road, Rimrock AZ 86335 ADMISSION: free PHONE: 928-567-4521 WEB: www.nps.gov/moca

Tuzigoot National Monument

HOURS: Summer 8am to 6pm; winter 8am to 5pm; closed Christmas Day ADDRESS: 25 W. Tuzigoot Road, Clarkdale AZ 86324 ADMISSION: fee; permits and park passports honored PHONE: 928-634-5564 WEB: www.nps.gov/tuzi

Arizona State Parks

Website for all Arizona State Parks: www.azstateparks.com

Dead Horse State Park

Located on the Verde River near Cottonwood. An excellent place for bird watching, hiking and recreating along the Verde River. Offers picnicking, full-facility camping, fishing, horseback riding, and mountain biking. HOURS: Ranger Station - 8am to 5pm daily; campgrounds remain open.

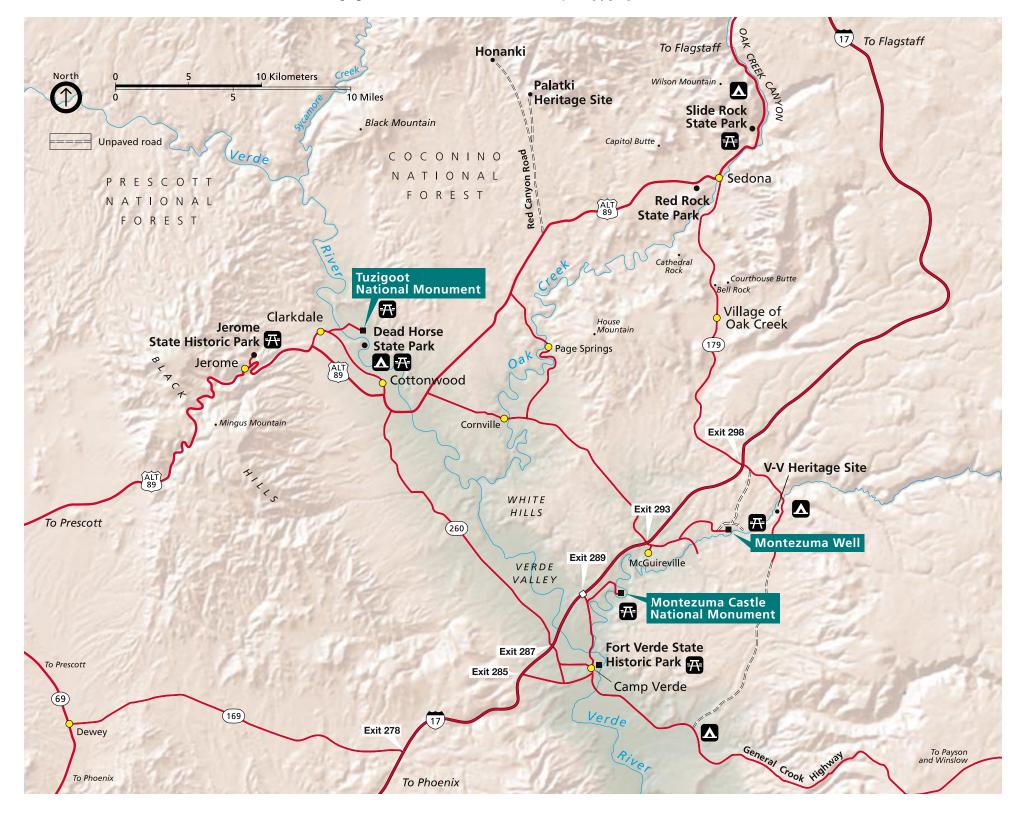
ADDRESS: 675 Dead Horse Ranch Road, Cottonwood AZ 86326 ADMISSION: fee

PHONE: 928-634-5283

Red Rock State Park

A nature preserve and environmental education center located a few miles south of Sedona. The picnic area and classrooms may be reserved for public or private functions. Designated hiking trails are available, but there is no swimming, wading or camping. Pets are not allowed in the park. There are many nature hikes, talks, and programs for children. Call for details. ноикs: The Visitor Center is open 8am to 5pm. Trails are open 8am to 5pm October - March; 8am to 6pm April and September, 8am to 8pm May – August. ADDRESS: 4050 Red Rock Loop Rd., Sedona AZ 86339

ADMISSION: fee per car PHONE: 928-282-6907



Slide Rock State Park

This park, in scenic Oak Creek Canyon, takes its name from the 30-foot water slide naturally worn into the rocks of the creek bed. There are opportunities for bird watching, fishing, hiking, and relaxing along the creek. Pets are allowed if on leash in most areas of the park, but not in the swimming areas.

HOURS: Day use only. 8am to 5pm ADDRESS: 6871 N. Highway 89A

Sedona AZ 86339 (in Oak Creek Canyon).

ADMISSION: fee per car up to four adults.
Call for details
PHONE: 928-282-3034



Fort Verde State Historic Park

General Crook's US Army scouts and soldiers were stationed at Fort Verde in the late 1800s. Several original buildings still exist. Historic military living quarters are open to visitors and teach about life on the frontier. The museum located in the old headquarters buildings displays artifacts explaining the history and methods of frontier soldiering.

Christmas Day
Address: 125 E. Hollamon Street, Camp
Verde AZ 86322
Admission: fee; children under 7 free
PHONE: 928-567-3275
Web: www.azstateparks.com



Jerome State Historic Park

Photo by Pamela Ravenwood

Jerome State Historic Park

The mansion of James Douglas built in 1916 perches atop a hill overlooking the Verde Valley. The building once served as a hotel for mining officials as well as a private home. Displays feature local mining history.

Hours: 8am to 5pm daily; closed Christmas Day ADDRESS: 100 Douglas Road, Jerome AZ 86331 ADMISSION: fee PHONE: 928-282-6907

Arizona Game and Fish Page Springs Hatchery

This is Arizona's largest fish hatchery. A self-guided tour takes visitors through the main hatchery where rainbow and brown trout are raised to be released in waters throughout Arizona. There are two additional nature trails and some of the walk is along Oak Creek. The Page Springs Hatchery is also an Audubon-designated Important Bird Area; sightings of bald eagles are common in winter months. HOURS: 8am to 3:30pm daily; closed

Thanksgiving and Christmas
Address: 1600 N Page Springs Road,
Cornville AZ 86325
Admission: no charge
PHONE: 928-634-4805

US Forest Service

What is the Red Rock Pass?

The Coconino National Forest, Red Rock District, has over 80 trails and three heritage sites to visit in the Sedona area. The Red Rock Pass is a parking permit to access these sites and trails. It is not needed to drive through the area or stop to take a picture.

Red Rock Passes may be purchased at the South Gateway Visitor Center, Highway 179 in the Village of Oak Creek, 8:30am to 5pm daily, phone: 928-284-5323; at the Sedona Chamber of Commerce Center, Highway 89A and Forest road, phone 928-282-7722; and at many stores throughout the area.

Web: www.redrockcountry.org

Palatki Heritage Site

Cliff dwelling and pictograph trail, interpreting the prehistoric Sinagua culture. There is a small visitor center with exhibits and bookstore. Reservations are required because the parking lot only has 16 spaces. HOURS: Reservation required;

9:30am to 3:30pm daily; closed Thanksgiving and Christmas Day ADMISSION: Red Rock Pass, Golden Age or Golden Eagle PHONE: 928-282-3854

рноле: 928-282-3854 weв: www.redrockcountry.org

Honanki Heritage Site

Cliff dwelling with associated rock art, interpreting the prehistoric Sinagua culture

Hours: 10am to 6pm daily; closed Thanksgiving and Christmas ADMISSION: Red Rock Pass, Golden Age or Golden Eagle PHONE: 928-282-4119 WEB: www.redrockcountry.org

V-V Heritage Site

Rock art site highlighting over 1200 petroglyphs. There is a small visitor center and gift store.

HOURS: 9:30am to 3:30pm daily; open Friday-Monday; closed Thanksgiving and Christmas

ADMISSION: Red Rock Pass, Golden Age or Golden Eagle

PHONE: 928-282-4119
WEB: www.redrockcountry.org

Ranger Districts

Red Rock District Ranger Station

Coconino National Forest PO Box 300, Sedona AZ 86339 928-282-4119 WEB: www.fs.fed.us/r3/coconino

Verde Ranger District

Prescott National Forest 300 East Highway 260, Camp Verde AZ 86322 928-567-4121 WEB: www.fs.fed.us/r3/prescott

Yavapai-Apache Nation Yavapai-Apache Tourism

DepartmentInformation on activities through the Yavapai-Apache Nation.

ADDRESS: 355 Middle Verde Road, Camp Verde AZ 86322

PHONE: 928-567-3035 web: www.yavapai-apache-nation.com

Historical Societies & Museums

Camp Verde Historical Society and Museum

Museum displays the rich historical past of the Verde Valley with timeline and exhibits on prehistory, mining, ranching and settlement.

ADDRESS: 435 South Main Street, Camp Verde AZ 86322

PHONE: 928-567-9560

WEB: www.sedona-verdevalleymuseums.org

Sedona Historical Society & Heritage Museum

This museum highlights Sedona's history of pioneers and settlers from 1870 to 1950. Displays show the lifestyles and works of people who ranched, farmed and worked this area during that time period. HOURS: 11am to 3pm daily; closed major

HOURS: 11am to 3pm daily; closed majo holidays ADDRESS: 735 Jordan Road,

Sedona AZ 86339 ADMISSION: fee PHONE: 928-282-7038 WEB: www.sedonamuseums.org

Clemenceau Heritage Museum

Displays related to the history of Cottonwood and the Verde Valley. Photographs, newspapers, letters, maps and other artifacts from the 1870s to the present. HOURS: Wednesday 9am to noon; Friday to Sunday 11am to 3pm Address: I North Willard Street, Cottonwood AZ 86326 Admission: no charge PHONE: 928-634-2868 Web: www.sedona-verdevalleymuseums.org

Jerome Mine Museum

This museum depicts Jerome's history from mining day to present time though photographs, books, newspapers, letters, histories, maps, and other artifacts.

HOURS: 9am to 5pm daily

ADDRESS: 200 Main Street,

Jerome AZ 86331 ADMISSION: fee PHONE: 928-634-5477 WEB: www.jeromehistoricalsociey.org

Chambers of Commerce

Contact area chambers of commerce for information on an array of activities including antique shows, nature festivals, farmer's markets, pioneer days, art fairs, concerts, holiday celebrations, and more.

Camp Verde Chamber of Commerce

385 South Main Street, Camp Verde AZ 86322 928-567-9294 web: www.campverde.org

Clarkdale Chamber of Commerce

PO Box 245, Clarkdale AZ 86324 928-634-8700 web: www.clarkdalechamber.com

Cottonwood Chamber of Commerce

1010 South Main Street, Junction 89A and 260

Cottonwood AZ 86326 928-634-7593 web: www.cottonwood.verdevalley.com

Jerome Chamber of Commerce

PO Box K, Jerome AZ 86331 928-634-2900 web: www.jeromechamber.com

Sedona-Oak Creek Chamber of Commerce

PO Box 478, Sedona AZ 96339 800-288-7336 web: www.sedonachamber.com

This Visitor Guide is provided by Western National Parks Association in cooperation with:

Montezuma Castle National Monument, Montezuma Well and Tuzigoot National Monument P.O. Box 219, Camp Verde, Az. 86322

Editor: Anne Worthington
Design & Production: Amanda Summers Design

Advisors: Kathy Davis, Sherry Wood, Ed Cummins, Karen Hughes, John Reid, Rex Vanderford Masthead art © 2004 Montezuma Castle National Monument

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MONTEZUMA WELL

A Natural Oasis

overver veres

As seasons change, flocks of migratory green-winged teals and mallard ducks rest briefly on the surface of Montezuma Well. Muskrats, pond sliders and Sonoran mud turtles ply through the thick beds of brown-green algae that flourish through the year.

This natural limestone sinkhole offers a unique setting as you experience the contrast of two distinct life zones along the one-third mile trail. The Well rim, like most of the area nearby, is a high desert life zone. The riparian area along Beaver Creek creates a yellow and green ribbon of lush growth through this semi-arid countryside.

The perennial flow of this springfed stream together with water from Montezuma Well and its irrigation canal truly creates a natural and soothing haven for visitors. waters began disappearing. Underground streams started dissolving softer areas of the underground limestone and a cavern began to form. The passage of time and the force of water carved a cavern larger and larger until, about 11,000 years ago, the roof of one of these caverns gradually crumbled forming Montezuma Well.

Underwater Chain Of Life

Water entering Montezuma Well is at a constant 74 degrees with a flow of over 1,400,000 gallons a day. As the water passes through limestone it collects high manufacture food from light energy and the rich supply of carbon dioxide in the water.

At night, a great feeding frenzy begins among the creatures who have adapted to this harsh aquatic environment. Amphipods, tiny shrimp-like animals, feed by combing algae through appendages below their mouths.

Leeches, living by day in the bottom sediments of the well, rise at night and, searching with sensory hairs on their bodies, gulp large quantities of the small amphipods. Night-swimming water scorpions also make evening meals of the shrimp-like creatures.

With the first light of day, these creatures sink back to the depths of the Well until sunset, and the beginning of another cycle.



Arsenic is the 20th most common element in the earth's crust, and the 12th most common element in the human body. Arsenic is present in all living matter, as well as water, soil, and air. Where does arsenic come from? Arsenic enters water supplies from erosion of natural deposits in the earth's crust. Most organic and inorganic arsenic compounds are white and or colorless, and have no smell or taste.

The EPA has set a standard for the amount of arsenic in public drinking water to be no higher than 10 ug/L (micrograms per liter). The arsenic level in samples of water taken from Montezuma Well has registered 100 ug/L! It is believed the Sinagua used the water from Montezuma Well to irrigate their crops and it would have entered the food chain in this way.

What effect does prolonged consumption of arsenic have on the human body? After one or two generations, people may have noticed an increase in birth defects or other health problems. Sinagua lived around the Well since A.D. 900, but could increasing levels of arsenic been a factor in their leaving Montezuma Well?



Montezuma Well hosts a variety of wildlife in all seasons but gilled fish cannot survive in the waters; the carbon dioxide level is too high. Instead, several species found only in the depths of Montezuma Well have evolved, adding to the rich tapestry of this life zone in the Upper Sonoran Desert.

Photo by Ernie Silva

Time And Water — The Formation Of Montezuma Well

Scientists believe about 12 million years ago this part of the Verde Valley was covered by a large shallow lake. Floating plants in this body of water caused dissolved limestone to form minute crystals which slowly sank to the bottom, accumulating into thick layers of soft limestone rock.

About 2 million years ago the lake

amounts of dissolved carbon dioxide nearly 100 times higher than most natural aquatic environments.

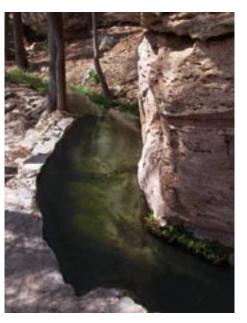
The highly carbonated water is inhospitable to fish even though there is oxygen. Instead, an aquatic community of several unique species- each dependent on the other-has evolved. Four species are endemic, which means they only live in the Well!

Algae, small floating plants,

Underwater Archeology — A First!

Montezuma Well was the first National Park Service area to use SCUBA divers in a systematic attempt to investigate the underwater component of a prehistoric archaeological site.

Approximately 700 artifacts of cultural material typical of a late Sinagua site in the Verde Valley were recovered and are curated by the National Park Service in Tucson, Arizona. These included: pottery, charred animal bone of rabbit, hare, and deer, worked obsidian and chert flakes, fired clay, building stone eroded from the ruins above, and ground basaltic stone.



The Well Outlet Trail is cool and inviting during hot summer months. The shaded trail follows a portion of the prehistoric irrigation ditch constructed by the Sinagua. The trail also parallels Beaver Creek, an important perennial water source for the Verde Valley.

The Mystery Of The Water

Scientists have not discovered the origin of the consistently warm water that feeds Montezuma Well at a rate of 1,400,000 gallons a day!

A current research topic with scientists from Northern Arizona University is trying to decipher where the water is coming from and from what level. Scientists have noted the flow rate from the Well rarely fluctuates — but the source deep in the earth's layers remains a mystery

By Rex Vanderford, National Park Service Ranger A Gem of Habitats: the Changing Plant Life at Montezuma Well

The diversity of plant life at Montezuma Well is a showcase of how vegetation is able to adapt to the arid and harsh central Arizona landscape. Many areas of the national monument reflect these changing conditions: the type of soil, available water, drainage, evaporation and solar intensity.

Walkways to the Well

The effects of extreme exposure to the sun are most obvious as visitors ascend the trail to view Montezuma Well and then head downslope to the lower walking trail. This area has a southern exposure with intense solar radiation year round.

The small shrub Mariola dominates the area with a grey hue if there has been winter moisture. The upper reaches of the slope have mature junipers, creosote bush, Mormon Tea and an abundance of prickly pear cactus.

These species require more soil moisture and are associated with abundant rock on or near the surface. When there is rainfall, the moisture runs off the rocks and collects at the base, watering the root systems protected by the rocks and gravel. Scattered throughout this slope visitors will also see mesquite, catclaw and delicate grasses; when there are ample rains in March and April, the hillside is a veritable flower garden.

Inside the Well

A look at the walls inside Montezuma Well again displays this variance between north and south facing slopes. Mesquite and cat claw dominate the south while the shaded and cooler areas of the north facing slope nurture a diversity of trees and shrubs. The warty-barked Hackberry forms an arbor over the trail to Swallett Cave. Red willow borders the edges of the Well and a lone Arizona Walnut and Peach Leaf willow grow in the shade. A lone Velvet ash stands below the cliff dwellings in the west side. A fire in the early 1900's may have destroyed some of the larger cottonwoods and sycamore that are shown in turn of the century photographs.

Gem of Habitats

Montezuma Well is bordered on one side by one of the more healthy riparian, or natural watercourse, systems in the state. This streamside, known as Wet Beaver Creek, is accessed by the trail to the Well Outlet and is critical habitat for migrating birds and home to least 60 percent of all life native to Arizona.

In this gem of habitats, some of the more obvious upper story trees are the Arizona sycamore, cottonwood, ash, walnut and alder. Many of the alder were harvested in the late 1800's for building structures. Visitors at the Outlet, looking across Beaver Creek, can see a stand of older alder, prominent in the spring because this tree with its cover of long dark red catkins stands out among the leafless, winter-dormant trees. Net-leaf hackberry also occupies the drier fringes of the riparian area and can be seen growing out of the vertical limestone cliff face.

Over 90 percent of the wildlands in Arizona designated as riparian areas have vanished with increased development, making these habitats even more priceless.

Near the Pithouse

Visitors making a stop to view the pithouse will be able to see why the prehistoric Sinagua may have built subterranean residences and community structures in this unique zone. There is an absence of rock in the top soil layer except for an outcrop of limestone looking east toward the Well parking lot. As visitors face north, they will see a broad alluvium flat with an abundance of trees with a dense upper story. These include mesquite, cat claw and creosote, providing shade for an under story of grasses and small herbaceous plants. Absent are the plants requiring rocks to collect and preserve rain, such as the prickly pear cactus so prevalent near the top of the Well.

consider a visit to the Montezuma Well picnic area, a shady spot that provides relief from the hot sun. This area is flood irrigated with waters from the Well, utilizing an historic ditch constructed in the early 1900's. The picnic area supports huge cottonwoods, ever thirsty and with roots that must

from the late 1800's to the 1940's. Hay was grown in this field and cattle grazed from the 1950's to 1988. This area illustrates the fragile balance of much land in the arid Southwest: the meadow has been fallow for almost 50 years but because of extensive soil mineral depletion and time needed to regenerate, there is little growth other than grasses, some mesquite and

The staff and volunteers at Montezuma Well continually monitor plant health and changes due to periods of moisture followed by drought. As the lands change and heal over time, the commitment remains to keep the area in as natural a state as possible.

> By Don Montgomery Biologist and park volunteer



Visitors should be in moisture at all times. The Arizona

"What's That Tree With the White Bark?"

Sycamore spreads

of life. Velvet Ash, with narrow trunks and

wide branches, vie for space with the one

juniper determined to exist in this wet

To the west of the picnic area and

meadow originally ranched and farmed

visible through the trees is the large open

environment.

its upper story branches and

shade and habitat for a diversity

leaves over the area, providing

The Arizona Sycamore is a Highlight of Any Visit

he ghostly white trunk and spreading gnarled branches rise in stark contrast to the vivid hues of green along the riparian, or streamside, areas of the Verde Valley.

The Arizona Sycamore, often reaching heights of 80 feet, is one of the distinctive sights at Montezuma Castle and Montezuma Well. This member of the Plane Tree family once blanketed Arizona 63 million years ago when the climate was cool and moist. As the weather became dry and more arid, these deciduous trees retreated to the moist perennial waterways and canyon bottoms that bisect the state.

Some amazing adaptations help the Arizona Sycamore survive from seeding to old age, at least 200 years. Each fruit pod contains an average of 667 seeds with a protective coating designed to withstand seasonal flooding; the torrents of water reshaping the land, moving and depositing masses of rocks, earth and debris.

The roots of the young plant must be able to penetrate the rock-laden, compacted substrate. If torrential flooding scours the area, the seedlings may be left literally high and dry with roots that have to remain in moist soil to thrive. Once established, the trees help protect against erosion, capturing precious topsoil for other plant life.

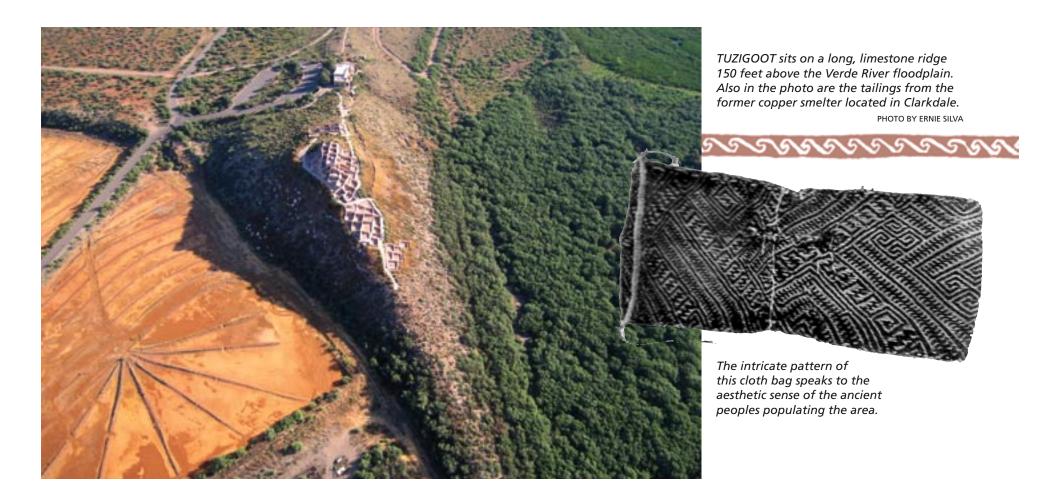
The sycamore hosts a myriad of species native to Arizona. Large palm-shaped leaves protect and shelter the many small birds using the waterways as a migration corridor. Woodpeckers and other burrowing animals nest in the spreading branches and insects go through various life stages as they become sustenance for even more creatures. In the hot, dry summer months, sycamores offer shade and relief to all life along the banks.

The prehistoric Sinagua utilized sycamore, a soft wood, for many of the support beams still intact in Montezuma Castle. In historic times, sycamore was used to make buttons.

Montezuma Castle National Monument, protected since 1906, is one of the best locations to view Arizona Sycamore in its natural state. Over 90 percent of Arizona's riparian areas have been lost to development or are not accessible to the general public.

Montezuma Well features the famous large curved sycamore along the Outlet Trail, unchanged since it was photographed in the 1870's; a relic of the distant past that continues to inspire awe in visitors today.





TUZIGOOT

on on the second

Dawn comes easily to the world — touching upon the mountain ridges and then brightening down into the valleys. As the light comes to this hill above the river, the old walls reflect again a memory of life uncovered from times dust.

Archaeologists with a Civilian Works Administration crew excavated and stabilized the ancestral village in 1933 and built a museum to hold its material story in 1935.

Our present understanding is of hunters passing through this abundant valley perhaps several thousand years ago and then populated before A.D. 1100 by farming peoples who built their way of life on the available resources of land and water.

Although the last word is yet to be written on the goings and comings of these people, we know from our scientific inquiries some clues about the climate of the times. Rainfall is sometimes marginal; the crops may have depleted the soil nutrients after years of planting.

By the time the people of Tuzigoot left the region around A.D.1400 the citadel had housed perhaps 250 people in its hundred rooms. It was the city of its day where people learned to resolve the problems of living life together. And though with more people come more problems, there are also more of the

same people to find solutions. There is a creativity of survival and choices threading through the generations that lived here.

How big was the world they called their own? By the stories of people and artifacts we know the Sinagua traded for shells from the coast and macaws from the south. Where did they go? Depending on our use of the language, "vanished" may come to mean moving on to other resources and other promised lands. The Hopi people of today tell, in their clan stories, of living in places like this before migrating to their present northern mesas.

Why did they leave? Perhaps resources became little and politics too much — or perhaps the Promised Land lay just beyond the horizon.

Enjoy your visit to Tuzigoot and look past the ruins to a time when the best world was on top of a hill made golden by dawns' light.

By John Reid, National Park Service Ranger





he visitor was very concerned and afraid to walk the trail at Montezuma Castle National Monument. "If I go out there, will a rattlesnake chase me down the path?" she asked.

Park guide Diana Rushford reassured the young woman, "Only if you looked like a small mouse or something else to eat and he was hungry!"

Rattlesnakes are part of the natural landscape in the Verde Valley and the warmer days of spring signal it is time for these reptiles to leave their dens and begin the search for food.

Biologist Erika Nowak of the USGS Science Center in Flagstaff has been studying so-called 'nuisance rattlesnakes' in Arizona's National Monuments and the Grand Canyon for ten years. Her research may help reduce the fear people have for these elusive animals.

When a rattlesnake is sighted near a Park Service Visitor Center, it is

captured, weighed, measured and tagged with a small chip. Park rangers receive special training in handling the snakes so the animal—and the ranger- are not injured.

The snakes are released in areas away from the public and then tracked by the researchers.

Data Results

In 1994, Nowak decided to focus her work on rattlesnakes because, "I felt sorry for them. There is a general

fear of rattlesnakes but there really hadn't been much research. We needed to learn something about the animal and its behavior."

Some conclusions have been reached after years of collecting data. As a controlled study, Nowak initially released 7 snakes outside Park boundaries, miles from their dens. She observed 7 snakes left in home territory.

The relocated snakes had a higher mortality rate and over half made their way back to their home range. Because of Nowak's research, captured snakes are now moved away from the public but not miles from their dens as they had been in the past. The mortality rate for the animals is much lower and there have been very few times when visitors even see a snake.

The Prey Base

In a related study, biologists AJ Monatesti, Justin Schofer and Amy

Madara are examining the small rodent populations on the Monuments to determine if there is any correlation between number of snakes and number of small mice, or, the "Prey Base".

"Rodents are the peanuts of the wilderness—everyone wants to eat them!" explained Monatesti. Over a long weekend, he and Madara set no-kill traps protected inside milk cartons to see what small creatures roamed the park. Out of the seven species of small rodents living in the area, "we got them all!"

Part of the research will determine what rattlesnakes are eating and how the small rodent population is affected. The rattlesnakes at Tuzigoot tend to be larger than the snakes at Montezuma Castle; is this because there are more rodents at Tuzigoot and Tavasci Marsh and a continual source of protein? The researchers feel this is a possibility.

STAY AWAY!

Erika Nowak says it is important for visitors to not approach a rattlesnake if one is sighted. "They are only going to strike at you if they feel threatened in some way. They want to get away from you as quickly as possible!"

Adds Park Guide Rushford, "Stay on the trail, don't try to get it to pose for pictures and stay away until someone comes to move the snake. It won't hurt you if you leave it alone!"



Researchers carefully weigh and measure a rattlesnake while visitors look on. The scientists give talks to the public, trying to promote more understanding about this frequently misunderstood animal.

Galloping Gomphotheres: Back from the Ice Age!

In the thousands of years before humans entered the Verde Valley, large Ice Age mammals roamed this area, searching for the tons of plants they needed to exist. But, before there were mammoths, there were Gomphotheres, a very distant but now extinct member of the elephant family. **Paleontologist David Gillette of** the Museum of Northern Arizona, Flagstaff, says this creature had skin

like a modern-day elephant and

probably did not have the thick fur

of a mammoth or mastodon. But, notice what is really distinctive about him? The tusks point down toward the ground rather than curled up

> like a mammoth's. Why do you think his tusks pointed down? Did this help him clear out grasses he could then eat? Your guess is really as good as anyone's!

Drawing by Diana Rushford

WESTERN NATIONAL PARKS ASSOCIATION

Western National Parks Association was founded in 1938 to aid and promote the educational and scientific activities of the National Park Service. As a nonprofit organization authorized by Congress, we operate visitor center bookstores, produce publications, and support educational programs at more than 63 parks in 11 western states.

Bookstore Sales

Bookstore sales are WNPA's primary source of income and this income is used to support National Park Service interpretive programs. The following publications, available from WNPA, are recommended for making the most of your visit to the Verde Valley National Monuments in central Arizona.

For our full catalog, visit our visitor center bookstore, or browse online at www.wnpa.org.

Introducing the Parks

Montezuma Castle: A Guide To Discovery: Montezuma Castle, Montezuma Well

A brief and colorful story of Montezuma Castle and Montezuma Well National Monuments. 20 pages. \$1.00

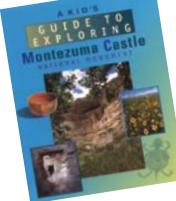
A Kid's Guide To Exploring Montezuma Castle National Monument

Mary Maruca

A colorful children's book that explores the Sinagua culture located in the Verde Valley of central Arizona, including

Montezuma Castle and Montezuma

Well National Monuments. 14 pages. \$3.95

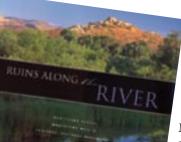


Montezuma Castle National Monument Susan Lamb

This book presents an overview of the early human history at Montezuma Castle and Montezuma Well National Monuments. 16 pages, \$4.95 Deutsch translation: \$5.95

Tuzigoot National Monument Rose Houk

This book presents an overview of the early human history at Tuzigoot National Monument. 16 pages. \$3.95



Ruins Along The River

Carle Hodge
A study of the
Sinagua culture in
the Verde Valley.
Includes Tuzigoot,
Montezuma Castle,
and Montezuma
Well National
Monuments. Also

mentioned are Fort Verde, Jerome, Sedona, and the Flagstaff area National Monuments.

48 pages. \$6.95

The Parks In-Depth

A Past Preserved in Stone:

A History of Montezuma Castle National Monument

Josh Protas

An in-depth administrative history of Montezuma Castle and Montezuma Well National Monuments. Contains historic photographs. 256 pages. \$21.95

Preserving Nature In The National Parks

Richard West Sellars
This book traces the epic clash of values between traditional scenery-and-tourism management and emerging ecological concepts in the national parks.

380 pages. \$35.00

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Scott S. Warren

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